


<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				ATTY DOCKET NO. <b>06 2916.0</b>		SERIAL NO. <b>09/488,390</b>	
				FILING		GROUP <b>2623</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
VB	3,745,673	7/1973	Jimerson et al				
	3,795,989	3/1974	Greenberg et al				
	3,805,238	4/1974	Rothfjell				
	4,221,927	9/1980	Dankman et al			<b>RECEIVED</b>  <b>JAN 22 2001</b>  <b>Group 2600</b>	
	4,449,189	5/1984	Feix et al				
	4,518,358	5/1985	Mather				
	4,665,640	5/1987	Forsse et al				
	4,696,653	9/1987	McKeefery				
	4,712,103	12/1987	Gotanda				
	4,712,184	12/1987	Haugerud				
	4,754,487	6/1988	Newmuis				
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
VB	0247788	12/1987	European				
VB	2173970	10/1986	UK				
VB	WO 92/020000	2/1992	International Application				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
VB	A	Hall, Ernest L., "Computer Image Processing and Recognition," Academic Press, 1979, pp. 370-375 and 115-119.					
VB	B	Lippman, Richard P., "Introduction to Computing with Neural Networks," IEEE ASSP Magazine, April 1987, pp. 4-22.					
EXAMINER			DATE CONSIDERED				
			<b>7/10/03</b>				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
VB	4,799,171	1/1989	Cummings				
	4,811,408	3/1989	Goldman				
	4,825,050	4/1989	Griffith et al				
	4,849,613	7/1989	Gisele			RECEIVED JAN 22 2001 Group 2600	
	4,858,000	8/1989	Lu				
	4,868,877	9/1989	Fischer				
	4,889,027	12/1989	Yokoi				
	4,904,851	2/1990	Yukino				
	4,972,476	11/1990	Nathans				
	4,975,969	12/1990	Tal				
	4,980,567	12/1990	Crane et al				

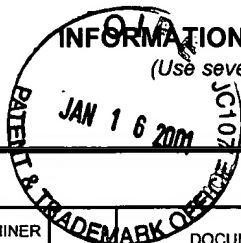
FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
42		C	Kirby et al., "Application of the Karhunen-Loeve Procedure for the Characterization of Human Faces," IEEE Trans. On Pat. Analysis and Mach. Int., Jan. 1990, pp. 103-108.
VB		D	Shackelton and Welsh, "Classification of Facial Features for Recognition", Proc. 1991 IEEE Computer Society Conf. Comp. Vision and Pat. Rec., Jun. 1991, pp. 573-579.

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VB	4,991,205	2/1991	Lemelson			
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	5,031,228	7/1991	Lu			
	5,053,608	10/1991	Senanayake			
	5,055,658	10/1991	Cockburn			
	5,063,603	11/1991	Burt			
	5,074,821	12/1991	McKeefery et al			
	5,164,992	11/1992	Turk et al			
	5,215,493	6/1993	Zgroddek et al			

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**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

VB		E	Sutherland, et al, "Automatic Face Recognition," First Int. Conf. On Intelligent Systems, Aug. 21, pp. 29-34.
VB		F	Turk et al. "Face Recognition Using Eigenfaces," Proc. 1991 Comp. Soc. Conf. On Computer Vision and Pat. Rec., Jun. 6, 1991, pp. 586-591

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VB	5,281,143	1/1994	Arad et al			
	5,292,276	3/1994	Manalo			
	5,314,192	5/1994	Broudy et al			
	5,314,336	5/1994	Diamond et al			
	5,342,234	8/1994	Bloom			
	5,372,511	12/1994	Keung			
	5,376,038	12/1994	Arad et al			
	5,386,103	1/1995	DeBan et al			
	5,413,516	5/1995	Lam			
	5,432,864	7/1995	Lu et al			
	5,478,240	12/1995	Cogliano			

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## FOREIGN PATENT DOCUMENTS

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						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

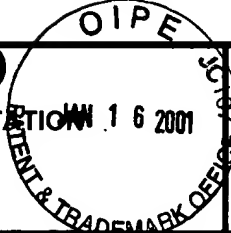
VB	G	Discover Magazine, "In Your Future Face," Dec. 1995, pp. 79-87.

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VB	5,562,453	10/1996	Wen			
	5,653,594	8/1997	Lai			
	5,656,907	8/1996	Chainani et al			
	5,683,252	11/1997	Tsao			
	5,697,829	12/1997	Chainani et al			
	5,742,074	3/1998	Chainani et al			
	Des. 291,818	9/1987	Forsse et al			
	Des. 384,698	10/1997	Chan			
	Des. 387,383	12/1997	Chan			
VB	Des. 392,321	3/1998	Chan			

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						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

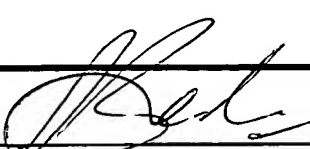

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<b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO. <b>06 2916.001</b>		SERIAL NO. <b>09/488,390</b>	
						<b>APR 17 2001</b> Technology Center 2800	
<b>APR 16 2001</b> PATENT & TRADEMARK OFFICE				FILING		GROUP <b>2623</b>	
<b>U.S. PATENT DOCUMENTS</b>							
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						<b>APR 17 2001</b> <b>Technology Center 2600</b>		
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VB	4,889,027	12/1989	Yokoi					
VB	4,904,851	2/1990	Yukino					
VB	4,972,476	11/1990	Nathans					
VB	4,975,969	12/1990	Tal					
VD	4,980,567	12/1990	Yasuda et al					
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VB	5,432,864	7/1995	Lu et al			
VD	5,478,240	12/1995	Cogliano			

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# INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

Application Number

09/488,390

Applicant(s)

David M. Tumey, et al.

Filing Date

January 19, 2000

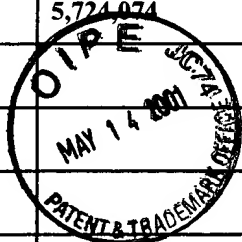
Group Art Unit

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VB		5,724,074	03/03/98	Chainani et al.	—	—	



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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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